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*** ISC3 RUN FOR SOLVAY - 1987
*** HAPS EMISSIONS - Annual 1,8,24 hour Impacts

*** ISC3 - VERSION 96113 ***

MODELOPTS: CONC RURAL ELEV DEFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (N/SEC)	STACK DIAMETER (METERS)	BUILDING EMISSION RATE EXIST	SCALAR VARY BY
BENZ17	0	0.14036E+01	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
BENZ48	0	0.10583E+01	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
BENZ80	0	0.83750E+00	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
BUTD17	0	0.95130E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
BUTD48	0	0.76530E+00	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
BUTD80	0	0.63760E+00	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
ETHY17	0	0.21420E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
ETHY48	0	0.11520E+00	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
ETHY80	0	0.60500E-01	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
BUTN17	0	0.47630E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
BUTN48	0	0.22780E+00	603655.1	4594878.0	1899.0	54.86	450.00	9.75	3.20	YES	
BUTN80	0	0.93200E-01	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
HEXA17	0	0.44860E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
HEXA48	0	0.33030E+00	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
HEXA80	0	0.25620E+00	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
STYR17	0	0.25960E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
STYR48	0	0.19260E+00	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
STYR80	0	0.15040E+00	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
TOLU17	0	0.70430E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
TOLU48	0	0.45520E+00	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
TOLU80	0	0.31000E+00	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
XYLE17	0	0.96520E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
XYLE48	0	0.60720E+00	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
XYLE80	0	0.40070E+00	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
111T17	0	0.27470E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
111T48	0	0.34040E+00	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
111T80	0	0.35780E+00	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
ACRY17	0	0.13100E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
ACRY48	0	0.70200E-01	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
ACRY80	0	0.36500E-01	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
MECL17	0	0.30200E-01	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
MECL48	0	0.41600E-01	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
MECL80	0	0.45400E-01	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
TRIE17	0	0.98530E+00	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
TRIE48	0	0.43920E+00	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
TRIE80	0	0.14620E+00	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
FORM17	0	0.37800E-01	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
FORM48	0	0.16500E-01	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
FORM80	0	0.50000E-02	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
ACET17	0	0.32800E-01	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	

FT * 2018
180.5 * " = 86.47
180.
36.86
TEMP 273 + 0C
DIA 12 * , 2048 = 24576
17
18
2.01
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GROUP CODE
See attached

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*** ISC3 RUN FOR SOLVAY - 1987
*** HAPS EMISSIONS - Annual 1,8,24 hour Impacts

RURAL ELEV DEFAULT

*** ISCST3 - VERSION 96113 ***

**MODELOPTS: CONC

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (N/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
ACET48	0	0.20800E-01	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
ACET80	0	0.13900E-01	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
PROP17	0	0.10100E-01	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
PROP48	0	0.61000E-02	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES	
PROP80	0	0.38000E-02	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES	
ACRO17	0	0.90700E-01	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
ACRO48	0	0.54600E-01	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
ACRO80	0	0.34000E-01	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
ACTO17	0	0.30200E-01	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
ACTO48	0	0.15600E-01	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
ACTO80	0	0.76000E-02	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
ACEP17	0	0.20000E-02	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
ACEP48	0	0.14000E-02	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
ACEP80	0	0.10000E-02	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
BIPH17	0	0.29000E-02	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
BIPH48	0	0.20000E-02	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
BIS217	0	0.14000E-02	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
BIS248	0	0.20000E-03	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
BIS280	0	0.10000E-03	603655.1	4594878.0	1899.0	54.86	450.00	17.66	3.20	YES	
2CHL17	0	0.20000E-03	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
2CHL48	0	0.10000E-03	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
2CHL80	0	0.10000E-03	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
METH17	0	0.12000E-02	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
METH48	0	0.80000E-03	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
METH80	0	0.60000E-03	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
CUMEL17	0	0.20000E-03	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
CUMEL48	0	0.20000E-03	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
CUMEL80	0	0.10000E-03	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
DIBEL17	0	0.24000E-02	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
DIBEL48	0	0.17000E-02	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
DIBEL80	0	0.15000E-02	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
DIBU17	0	0.12000E-02	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
DIBU48	0	0.10000E-02	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
DIBU80	0	0.70000E-03	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
NNDI17	0	0.10000E-02	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
NNDI48	0	0.70000E-03	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	
NNDI80	0	0.50000E-03	603655.1	4594878.0	1899.0	54.86	443.00	9.75	3.00	YES	
NAPH17	0	0.18600E-01	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES	
NAPH48	0	0.12800E-01	603685.5	4594846.0	1899.0	54.86	450.00	17.66	3.20	YES	

*** ISCST3 - VERSION 96113 ***
 *** ISC3 RUN FOR SOLVAY - 1987
 *** HAPS EMISSIONS - Annual 1,8,24 hour Impacts
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**MODELOPTS: CONC

RURAL ELEV DEFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. (GRAMS/SEC) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EMISSION RATE EXISTS SCALAR VARY BY
NAPH80	0 0.93000E-02	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES
PHEN17	0 0.11400E-01	603685.5	4594807.5	1899.0	55.02	464.00	13.41	3.66	YES
PHEN48	0 0.79000E-02	603685.5	4594846.0	1899.0	54.86	450.00	9.75	3.20	YES
PHEN80	0 0.57000E-02	603655.1	4594878.0	1899.0	54.86	443.00	17.66	3.00	YES

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*** ISC3 RUN FOR SOLVAY - 1987
*** HAPS EMISSIONS - Annual 1,8,24 hour Impacts
RURAL ELEV DEFAULT

*** ISC3V3 - VERSION 96113 ***
**MODELOPTS: CONC

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
BENZNV	0	0.22900E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
BUTDNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
ETHYNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
BUTNV	0	0.77000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
HEXNV	0	0.43000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
STYRV	0	0.80000E-01	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
TOLNV	0	0.25100E+01	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
XYLENV	0	0.86700E+01	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
111TV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
ACRYNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
MECLNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
TRIEV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
FORMNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
ACETNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
PROPNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
ACRONV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
ACTONV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
ACEPNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
BIPNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
BIS2NV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
2CHLV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
METHNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
CUMENV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
DIBENV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
DIBUNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
NNDIIV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
NAPNV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	
PHENV	0	0.00000E+00	603297.0	4594902.0	1899.0	2.44	17.72	2.27	